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UNITED STATES DEPARTMENT OF AGRICULTURE
Rural Electrification Administration
Washington 25, D. C.

GENERAL CONSTRUCTION
BULLETIN NUMBER 171

February 20, 1950

PART I
APPROVED CONSTRUCTION CONTRACTS
AWARDED BY REA BORROWERS

Alabama 27G Conecuh: Southern Pine Electric Cooperative, Brewton, Ala., to Roy Richards Construction Co., P. O. Box 88, Carrollton, Ga., \$193,207.47 for the construction of 146 miles of line to serve 339 members, plus the conversion of 9.2 miles and reconductoring of 41.6 miles of line. Engineer (1) last page. PLEASE NOTE: NAMES AND ADDRESSES OF SYSTEM ENGINEERS are furnished on the last page of this bulletin. All numbers shown in () space are keyed to like numbers listed with the names and addresses.

Arkansas 26N Fulton, Section II: North Arkansas Electric Cooperative, Salem, Ark., to Blackburn and Whiteside, Mammoth Springs, Ark., \$140,437.90 for the construction of 28.95 miles of 33KV transmission line. Engineer (2).

Colorado 17N&T Prowers: Southeast Colorado Power Association, La Junta, Colo., to J. R. Foree, National Bank of Topeka Bldg., Topeka, Kans., \$265,227.05 for the construction of 263.89 miles of line to serve 206 members. Engineer (3).

Colorado 25N Pueblo: San Isabel Electric Association, Pueblo, Colo., to Lindsey Construction Co., 115-16 Avenue North, Nashville, Tenn., \$19,139.30 for the construction (labor only) of 24.13 miles of 69KV transmission line. Engineer (4).

Colorado 34C&F Eagle: Holy Cross Electric Association, Glenwood Springs, Colo. to R. N. Campsey, 2520 Leyden St., Denver, Colo., \$59,864.70 for the construction (labor only) of 111.8 miles of line to serve 174 members. Engineer (5).

Colorado 37G Douglas: Mountain View Electric Association, Limon, Colo., to E. A. Reither, 2123 Aldrich Avenue South, Minneapolis, Minn., \$295,473.13 for the construction of 255 miles of line to serve 210 members. Engineer (4).

Illinois 40N,P&R Macoupin: M. J. M. Electric Cooperative, Inc., Carlinville, Ill., to Real Electric Corp., 1701 Triplett St., Owensboro, Ky., \$223,083.82 for the construction of 65.7 miles of line to serve 174 members, plus the conversion of 45.75 miles of line. Engineer (6).

Indiana 21H Bartholomew: Bartholomew County Rural Electric Membership Corp., Columbus, Ind., to Franklin Electric Co., 174 W. Jefferson St., Franklin, Ind., \$40,279.58 for the construction of 13 miles of line, plus the conversion of 5.75 miles of line. Engineer (7).

Iowa 21L Guthrie: Guthrie County Rural Electric Cooperative Association, Guthrie Center, Ia., to Hoak Construction Co., 621 23rd St., Des Moines, Ia., \$318,433.75 for the construction of 215.3 miles of line (including 38.5 miles of replacement) to serve 326 members, plus the conversion of 5.8 miles of line. Engineer (7).

Kansas 8N Allen: Cooperative Electric Power & Light Co., Inc., Iola, Kans., to James H. Drew Corp., Architects & Builders Bldg., Indianapolis, Ind., \$208,920.72 for the construction of 161.06 miles of line to serve 300 members, plus the conversion of 54.5 miles of line. Engineer (8).

Kansas 21E Shawnee: The Kaw Valley Electric Cooperative, Co., Inc., 1513 Lane St., Topeka, Kans., to Arthur Tucker Electric Co., 619 Jackson St., Topeka, Kans., \$213,127.75 for the construction of 165.73 miles of line to serve 316 members, plus the conversion of 24.5 miles of line. Engineer (8).

Kansas 27M&N Morris: Flint Hills Rural Electric Cooperative Association, Inc., Council Grove, Kans., to Pendleton Construction Co., 326 Leonhardt Bldg., Oklahoma City, Okla., \$322,152.34 for the construction of 236.28 miles of line to serve 313 members, plus the conversion of 104 miles of line. Engineer (8).

Kansas 33H,K&L Pratt, North & South Section: Minnescah Rural Electric Cooperative Association, Inc., Pratt, Kans., North Section: to Jacobs and Doyle Construction Co., Edgewood, Ia., \$359,735.51 for the construction of 304.5 miles of line to serve 361 members, plus the conversion of 61 miles of line. South Section: to A. F. Reis Construction Co., Topeka, Kans., \$342,754.02 for the construction of 327.5 miles of line to serve 420 members, plus the conversion of 41 miles of line. Engineer for both (9).

Kansas 34P,R&S Barton: The Central Kansas Electric Cooperative Association, Inc., Great Bend, Kans., to M & M Construction Co., P. O. Box 2807, Kansas City, Mo., \$18,969.62 for the construction (labor only) of 60.97 miles of 44KV transmission line. Engineer (3).

Kansas 38C&D Chautauqua: The Caney Valley Electric Cooperative Association, Inc., Cedar Vale, Kans., to J. R. Foree, Contractor, 302 National Bank Bldg., Topeka, Kans., \$168,038.00 for the construction (labor only) of 397.19 miles of line to serve 610 members, plus the conversion of 26.39 miles of line. Engineer (10).

Kansas 39K Pottawatomie: P. R. & W. Electric Cooperative Association, Inc., Wamego, Kans., to Pendleton Construction Co., 326 Leonhardt Bldg., Oklahoma City, Okla., \$76,161.69 for the construction (labor only) of 181.96 miles of line to serve 295 members, plus the conversion of 42.50 miles of line. Engineer (8).

Kansas 44G Grant: The Pioneer Cooperative Association, Inc., Ulysses, Kans., to J. R. Foree, Contractor, 302 National Bank Bldg., Topeka, Kans., \$256,640.39 for the construction of 272.06 miles of line to serve 246 members. Engineer (8).

Kansas 49D1 Cheyenne: The Northwest Kansas Electric Cooperative Assoc., Inc., Bird City, Kans., to Kennett & Pavlicek, Box 1305, San Angelo, Tex., \$305,817.58 for the construction of 308 miles of line to serve 278 members, plus the conversion of 32.6 miles of line. Engineer (10).

Kansas 50D Labette: Twin Valley Electric Cooperative, Inc., Altamont, Kans., to Jillie & Cannon, 802 West Seventh St., Okmulgee, Okla., \$238,082.79 for the construction of 161.71 miles of line to serve 341 members, plus the conversion of 47 miles of line. Engineer (8).

Kansas 51A Wichita, Section I: Wheatland Electric Cooperative, Scott City, Kans., to Triple H Construction Co., Linton, Ind., \$74,156.44 for the construction of 23.8 miles of 69KV transmission line. Engineer (8).

Kansas 52B Thomas: Great Plains Electric Cooperative, Inc., Colby, Kans., to Kennett and Pavlicek, Box 1305, San Angelo, Tex., \$289,121.05 for the construction of 332.64 miles of line to serve 829 members, plus the conversion of 22.63 miles of line. Engineer (11).

Kentucky 35R Warren, Section I, II and III: Warren Rural Electric Cooperative Corp., Bowling Green, Ky., Section I: to Smith Construction Co., 1000 44th Ave., North, Nashville, Tenn., \$213,969.59 for the construction of 210 miles of line to serve 756 members, plus the conversion of 6.47 miles of line. Section II: to Smith Construction Co., 1000 44th Ave., North, Nashville, Tenn., \$127,962.26 for the construction of 123.2 miles of line to serve 339 members, plus the conversion of 1.65 miles of line. Section III: to Trans-Electric Co., 106 East Broadway, Louisville, Ky., \$225,158.20 for the construction of 214 miles of line to serve 480 members, plus the conversion of 16.96 miles of line. Engineer for all three sections (12).

Louisiana 18L&P Beauregard: Beauregard Electric Cooperative, Inc., DeRidder, La., to R. D. Cooper Construction Co., P. O. Box 1763, Baton Rouge, La., \$267,569.00 for the construction of 250 miles of line to serve 687 members, plus the conversion of 67.6 miles of line.

Michigan 28V,W,X&Y Presque Isle: Presque Isle Electric Cooperative, Onaway, Mich., to Clifton Engineering Co., Inc., Three Rivers, Mich., \$81,665.87 for the construction of 27.5 miles of 3 phase line. Engineer (13).

Michigan 40DIII&R Allegan: O & A Electric Cooperative, Newaygo, Mich., to Transformer Inspection Co., 324 Washington Square Bldg., Royal Oak, Mich., \$232,471.25 for the construction of 156 miles of line to serve 492 members. Engineer (13).

Minnesota 3PI Meeker: Meeker Cooperative Light & Power Association, Litchfield, Minn., to Duwane Construction Co., Pelican Rapids, Minn., \$114,016.56 for the construction of 38.5 miles of line plus the conversion of 33.6 miles of line and recondutoring of 4.7 miles of line. Engineer (14).

Missouri 31M Mississippi: Scott-New Madrid-Mississippi Electric Cooperative, Inc., Sikeston, Mo., to Irby Construction Co., 815 S. State St., Jackson, Miss., \$188,971.12 for the construction of 66.3 miles of line to serve 150 members, plus the conversion of 51.9 miles of line. Engineer (6).

Missouri 37M Bates: Osage Valley Electric Cooperative Association, Butler, Mo., to Triple-H Construction Co., P. O. Box 50, Linton, Ind., \$134,825.37 for the construction (labor only) of 35.12 miles of line to serve 730 members, plus the conversion of 24.5 miles of line. Engineer (8).

Missouri 38K Reynolds: Black River Electric Cooperative, Inc., Ironton, Mo., to Thaxton Engineering & Construction Co., Lebanon, Mo., \$289,580.53 for the construction of 213.7 miles of line to serve 434 members, plus the conversion of 5 miles of line. Engineer (8).

Missouri 43U Laclede: Laclede Electric Cooperative, Lebanon, Mo., to Griffin Construction Co., 300 Walnut St., Owensboro, Ky., \$487,974.01 for the construction of 348.3 miles of line to serve 635 members, plus the conversion of 67 miles of line. Engineer (8).

Missouri 45E-2 Osage: Three Rivers Electric Cooperative, Inc., Linn, Mo., to Reinhart and Donovan Co., 804 Commerce Exchange Bldg., Oklahoma City, Okla., \$67,686.75 for the construction of 13.2 miles of line to serve 27 members, plus 10 miles of 33KV transmission line and the conversion of 1.5 miles of line. Engineer (8).

Missouri 47N,P&S Cooper: Co-Mo Electric Cooperative, Inc., Tipton, Mo., to L. P. & H. Construction Co., Linton, Ind., \$202,625.19 for the construction (labor only) of 405.95 miles of line to serve 694 members, plus the conversion of 39.5 miles of line. Engineer (8).

Montana 28A McCone, Section IIII: McCone County Electric Cooperative, Inc., Circle, Mont., to Lewis Construction Co., 405 1st Ave. South, Great Falls, Mont., \$8,050.94 for the construction (labor only) of 9.20 miles of line to serve 241 members. Engineer (15).

Nebraska 44P&R Eastern: Eastern Nebraska Public Power District, Syracuse, Nebr., to Illinois-Iowa Construction Co., Abingdon, Ill., \$90,749.73 for the construction of 26.7 miles of 69KV transmission line. Engineer (16).

Nebraska 87D Webster: South Central Membership Association, Inc., Nelson, Nebr., to M & M Construction Co., 905 East 30th St., Kansas City, Mo., \$203,043.68 for the construction of 210.79 miles of line to serve 390 members. Engineer (3).

Nebraska 95C1 Cheyenne: Wheat Belt Electric Membership Association, Sidney, Nebr., to Griffin Construction Co., Aurora, Nebr., \$67,459.92 for the construction of 31 miles of 34.5KV transmission line. Engineer (3).

New Mexico 22B1 McKinley: Continental Divide Electric Cooperative, Inc., Grants, N. Mex., to H. B. Zachry Co., P. O. Box 2570, San Antonio, Tex., \$302,954.20 for the construction of 193 miles of line to serve 267 members, plus the conversion of 9.36 miles of line. Engineer (17).

North Carolina 31M Halifax: Roanoke Electric Membership Corp., Rich Square, N. C., to Sumter Builders, Inc., Sumter, S. C., \$122,950.75 for the construction of 83 miles of line to serve 359 members, plus the conversion of 22.8 miles of line. Engineer (18).

Ohio 41M Licking: Licking Rural Electrification, Inc., Utica, Ohio to Dayton & Crenshaw Construction Co., Ashland, Ohio, \$29,511.94 for the construction of 6.32 miles of 69KV transmission line. Engineer (19).

Oklahoma 30N Choctaw: Choctaw Electric Cooperative, Inc., Hugo, Okla., to R. D. Cooper Construction Co., P. O. Box 1763, Baton Rouge, La., \$277,112.46 for the construction of 179.70 miles of line to serve 560 members, plus the conversion of 37.15 miles of line. Engineer (20).

Oklahoma 31L&N Woodward, Part I & II: Northwestern Electric Cooperative, Inc., Woodward, Okla., Part I: to Hoover Brothers Construction Co., 1117 E. 47th St., Kansas City, Mo., \$225,672.49 for the construction of 276.5 miles of line to serve 330 members, plus the conversion of 11 miles of line. Part II: to Triple-H Construction Co., P. O. Box 50, Linton, Ind., \$265,719.04 for the construction of 261 miles of line to serve 300 members, plus the conversion of 30.5 miles of line. Engineer for both (21).

Oklahoma 33E&G Latimer, Section II: Kiamichi Electric Cooperative, Inc., Wilburton, Okla., to Irby Construction Co., 817 South State St., Jackson, Miss., \$213,650.03 for the construction of 191.6 miles of line to serve 440 members, plus the conversion of 48 miles of line.

South Carolina 25L Berkeley, Section II: Berkeley Electric Cooperative, Inc., Moncks Corner, S. C., to E. C. Bridges, Heath Springs, S. C., \$87,509.07 for the construction of 68.32 miles of line to serve 202 members, plus the conversion of 22.90 miles of line. Engineer (22).

South Carolina 34G Newberry: Newberry Electric Cooperative, Inc., 1103 Friend St., Newberry, S. C., to Chambliss & White Construction Co., P. O. Box 123, Alamo, Ga., \$32,957.70 for the construction of 20.57 miles of line and the conversion of 21.08 miles of line. Engineer (23).

South Carolina 38 Oconee, Two Contracts: Blue Ridge Electric Cooperative, Inc., 103 Ann St., Pickens, S. C. First Contract, F,G&H, Section III: to Little Electric Co., Box 669, Hartsville, S. C., \$113,746.96 for the construction of 98.94 miles of line to serve 300 members, plus the conversion of 41.7 miles of line. Second Contract, H Section I: to Sumter Builders, Inc., Sumter, S. C., \$22,454.76 for the construction of 7.3 miles of 44KV transmission line and two substations. Engineer for both (23).

South Carolina 40K Hampton: Palmetto Electric Cooperative, Inc., Ridgeland, S. C., to Chambliss & White Construction Co., P. O. Box 123, Alamo, Ga., \$125,603.78 for the construction of 116 miles of line to serve 285 members, plus the conversion of 40.49 miles of line. Engineer (23).

South Dakota 34D Spink: Spink Electric Cooperative Association, Inc., Redfield, S. Dak., to Power Engineering Co., Sioux City, Ia., \$211,596.65 for the construction of 253.8 miles of line to serve 230 members. Engineer (24).

Tennessee 9X Macon: Tri County Electric Membership Corp., Lafayette, Tenn., to Roy Richards Construction Co., P. O. Box 88, Carrollton, Ga., \$253,084.13 for the construction of 210.25 miles of line to serve 663 members, plus the conversion of 3.7 miles of line. Engineer (25).

Tennessee 36B Scott, Section II: Plateau Electric Cooperative, Oneida, Tenn., to Westenn Construction Co., Inc., P. O. Box 1290, Jackson, Tenn., \$318,246.75 for the construction of 215.45 miles of line to serve 699 members, plus conversion and replacement on a total of 33.10 miles of line. Engineer (26).

Texas 55N-R2-S Floyd: Floyd County Rural Electric Cooperative, Floydada, Tex., to South Construction Co., Box 432, Ardmore, Okla., \$250,022.11 for the construction of 65.15 miles of line to serve 123 members, plus the conversion of 49.18 miles of line. Engineer (27).

Texas 80R Collingsworth: Greenbelt Electric Cooperative, Inc., Wellington, Tex., to Basanda Construction Co., 2925 N. W. 39th Terrace, Oklahoma City 12, Okla., \$213,412.32 for the construction of 145.22 miles of line to serve 136 members, plus the conversion of 95.78 miles of line. Engineer (27).

Texas 113F Dickens: Dickens County Electric Cooperative, Inc., Spur, Tex., to Pendleton Construction Co., 320 Leonhardt Bldg., Oklahoma City 2, Okla., \$62,160.39 for the construction of 61.5 miles of line to serve 69 members. Engineer (27).

Texas 114K Tom Green: Concho Valley Electric Cooperative, Inc., San Angelo, Tex., to Willis and Hinders, Olney, Tex., \$79,083.18 for the construction of 88.3 miles of line to serve 55 members, plus the conversion of 11 miles of line. Engineer (28).

Texas 119E Kimble, Section II: Kimble Electric Cooperative, Inc., Junction, Tex., to Irby Construction Co., 817 South State St., Jackson, Miss., \$43,026.90 for the construction (labor only) of 171.81 miles of line to serve 105 members. Engineer (29).

Texas 122D Robertson: Robertson County Electric Cooperative, Inc., Franklin, Tex., to Sisco Electric Co., Box 88, Conroe, Tex., \$31,960.75 for the construction (labor only) of 91.57 miles of line to serve 160 members. Engineer (29).

Wyoming 6M Goshen, Section I: Wyrulec Co., Lingle, Wyo., to Raymond H. Scott Construction Co., Wheatland, Wyo., \$98,960.45 for the construction of 83.92 miles of line to serve 77 members. Engineer (5).

PART II - APPROVED PRELIMINARY PLANS AND SPECIFICATIONS

New Mexico 9S Curry: Farmers' Electric Cooperative, Inc., Clovis, N. Mex., 175 miles, 180 members. Engineer (30).

Texas 94M5 Gonzales: Guadalupe Valley Electric Cooperative, Inc., Cost, Tex., 28.5 miles conversion, force account.

NAMES AND ADDRESSES OF SYSTEM ENGINEERS (Expl. Item 1, page 1.)

1. Mowbray Engineering Co., P. O. Box 93, Greenville, Ala.
2. Allen and Hoshall, 65 McCall Place, Memphis, Tenn.
3. Flora Engineering Co., 1717 E. Colfax, Denver, Colo.
4. C-B Engineering Co., 25 South Grove St., Denver, Colo.
5. Walter Walkling, 2640 Kearney St., Denver, Colo.
6. Rural Line Engineers, 440 S. Brentwood Blvd., Clayton, Mo.
7. Philip L. Burns, 630 Davenport Bank Bldg., Davenport, Ia.
8. Frank Horton and Co., Lamar, Mo.
9. Richardson Electrical Engineering Co., Solomon, Kans.
10. William H. Burgwin, 2657 S. Broadway, Denver, Colo.
11. John C. Leavitt Co., Garden City, Kans.
12. Chanaberry Engineering Co., 801 Realty Bldg., Louisville, Ky.
13. J & G Daverman Co., 301 Keeler Bldg., Grand Rapids, Mich.
14. Banister Engineering Co., 1547 University Ave., St. Paul, Minn.
15. Montana State Water Conservation Board, Helena, Mont.
16. Henningson Engineering Co., Standard Oil Bldg., Omaha, Nebr.
17. Southwest Engineers, Inc., 510 Transit Tower, San Antonio, Tex.
18. B. O. Vannort Engineers, Inc., 218 W. Second St., Charlotte, N. C.
19. Blue Grass Engineers, Inc., 2700 E. Main St., Columbus, Ohio
20. George C. Hengy & Co., 1007 $\frac{1}{2}$ Texas Ave., Shreveport, La.
21. C. H. Guernsey and Co., 1414 N. Robinson, Oklahoma City 3, Okla.
22. McCall-Thomas Engineering Co., Inc., 112 Church St., Orangeburg, S. C.
23. Southern Engineering Co., 699 Spring St., N. W., Atlanta 3, Ga.
24. Raymond H. Reed & Co., 2305 13th St., Columbus, Nebr.
25. McWhorter and Franklin, Engineers, 2535 Franklin Road, Nashville, Tenn.
26. Cottrell and House, 902 Stahlman Bldg., Nashville, Tenn.
27. H. N. Roberts and Associates, 1310 Avenue Q, Lubbock, Tex.
28. Freese and Nichols, 407 Danciger Bldg., Fort Worth, Tex.
29. J. H. Flood and Co., 707 Amicable Bldg., Waco, Tex.
30. Carl C. Cox, 315 Oliver-Eagle Bldg., Amarillo, Tex.

